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Part Number: [5055681031](#)
Status: **Active**
Overview: Micro-Lock Plus Wire-to-Board Connector System
Description: 1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Surface Mount, 0.38µm Gold Plating, Positive Lock, 10 Circuits, with Pick-and-Place Polyimide Tape, Black

Documents:

3D Model	Application Specification AS-505565-001-001 (PDF)
3D Model (PDF)	Packaging Specification 5055689200-200 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 5055650002-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5055651002-PS-000 (PDF)	

General

Product Family	PCB Headers
Series	505568
Application	Signal, Wire-to-Board
Overview	Micro-Lock Plus Wire-to-Board Connector System
Product Name	Micro-Lock Plus
UPC	193264127825

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Polyamide
Net Weight	298.030/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.25mm
Pitch - Termination Interface	1.25mm
Plating min - Mating	0.381µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Tape
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	50V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[505568](#) Series

Mates With

[Micro-Lock Plus Receptacle Housing](#)
[505565](#)

Material Info

Reference - Drawing Numbers

Application Specification	AS-505565-001-001
Packaging Specification	5055689200-200
Product Specification	5055650002-000, 5055651002-PS-000
Sales Drawing	5055680010-SD-000

This document was generated on 10/04/2021

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